OIPE JC185
AUG 0 9 2004
PATENT & TRADEMARK OFFICE

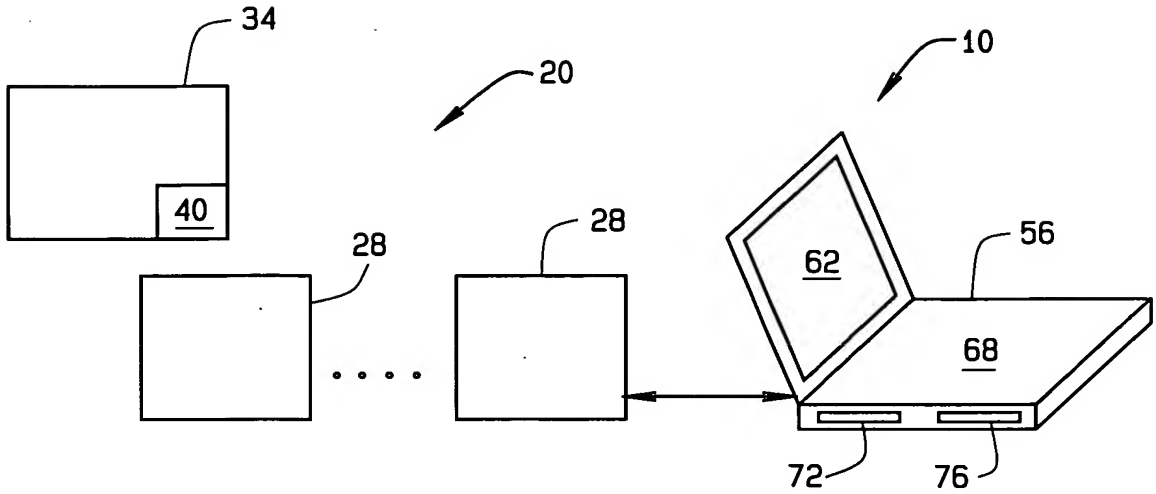


FIG. 1

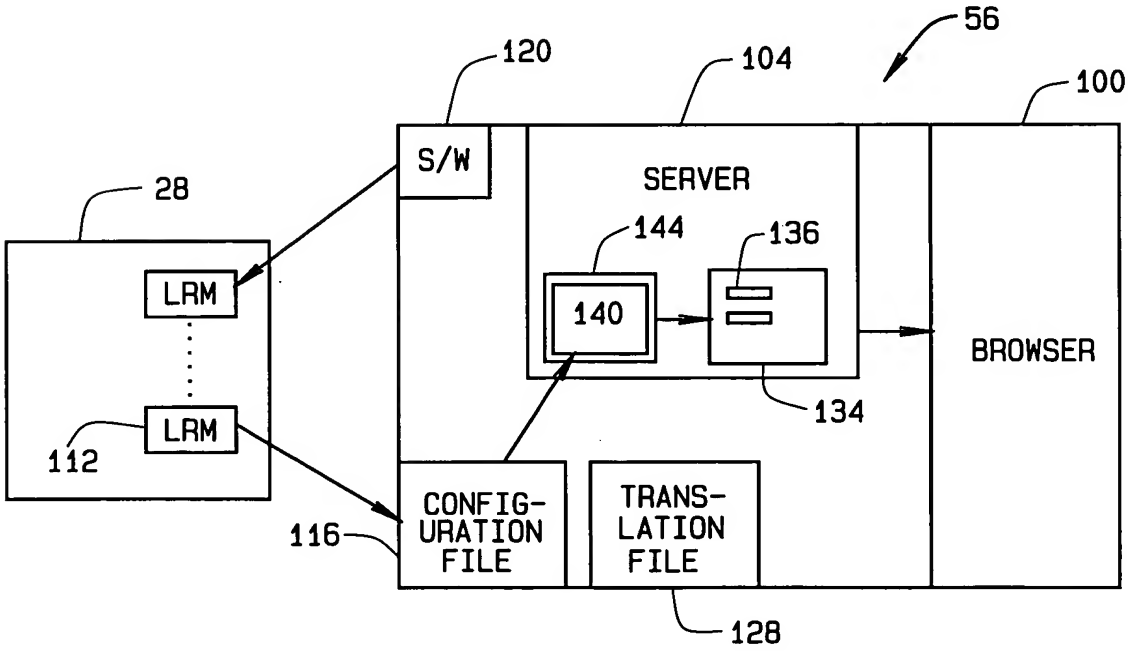


FIG. 2

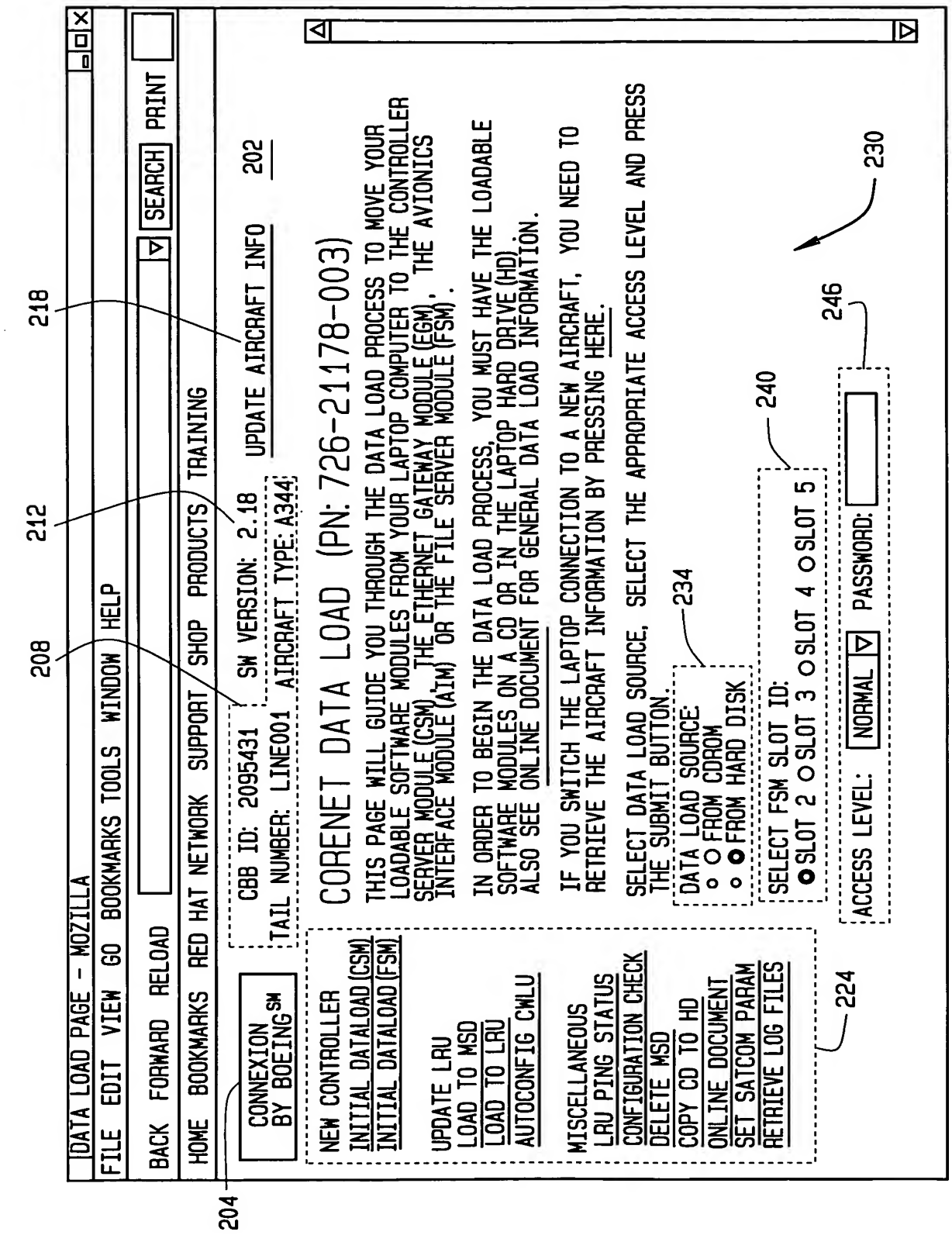

DATA LOAD PAGE - MOZILLA
FILE EDIT VIEW GO BOOKMARKS TOOLS WINDOW HELP
BACK FORWARD RELOAD
SEARCH
PRINT
HOME BOOKMARKS RED HAT NETWORK SUPPORT SHOP PRODUCTS TRAINING
CONNEXION BY BOEING SM
CBB ID: 2095431
TAIL NUMBER: LINE001
SW VERSION: 2.18
AIRCRAFT TYPE: A344
UPDATE AIRCRAFT INFO
202
NEW CONTROLLER
INITIAL DATALOAD (CSM)
INITIAL DATALOAD (FSM)
UPDATE LRU
LOAD TO MSD
LOAD TO LRU
AUTOCONFIG CWLU
MISCELLANEOUS
LRU PING STATUS
CONFIGURATION CHECK
DELETE MSD
COPY CD TO HD
ONLINE DOCUMENT
SET SATCOM PARAM
RETRIEVE LOG FILES
224
CORENET DATA LOAD (PN: 726-21178-003)
THIS PAGE WILL GUIDE YOU THROUGH THE DATA LOAD PROCESS TO MOVE YOUR LOADABLE SOFTWARE MODULES FROM YOUR LAPTOP COMPUTER TO THE CONTROLLER SERVER MODULE (CSM), THE ETHERNET GATEWAY MODULE (EGM), THE AVIONICS INTERFACE MODULE (AIM) OR THE FILE SERVER MODULE (FSM).
IN ORDER TO BEGIN THE DATA LOAD PROCESS, YOU MUST HAVE THE LOADABLE SOFTWARE MODULES ON A CD OR IN THE LAPTOP HARD DRIVE (HD). ALSO SEE ONLINE DOCUMENT FOR GENERAL DATA LOAD INFORMATION.
IF YOU SWITCH THE LAPTOP CONNECTION TO A NEW AIRCRAFT, YOU NEED TO RETRIEVE THE AIRCRAFT INFORMATION BY PRESSING HERE.
SELECT DATA LOAD SOURCE, SELECT THE APPROPRIATE ACCESS LEVEL AND PRESS THE SUBMIT BUTTON.
DATA LOAD SOURCE:
FROM CDROM
FROM HARD DISK
234
SELECT FSM SLOT ID:
SLOT 2 SLOT 3 SLOT 4 SLOT 5
240
ACCESS LEVEL: NORMAL
PASSWORD:
246
230
200
204
208
212
218

FIG. 3

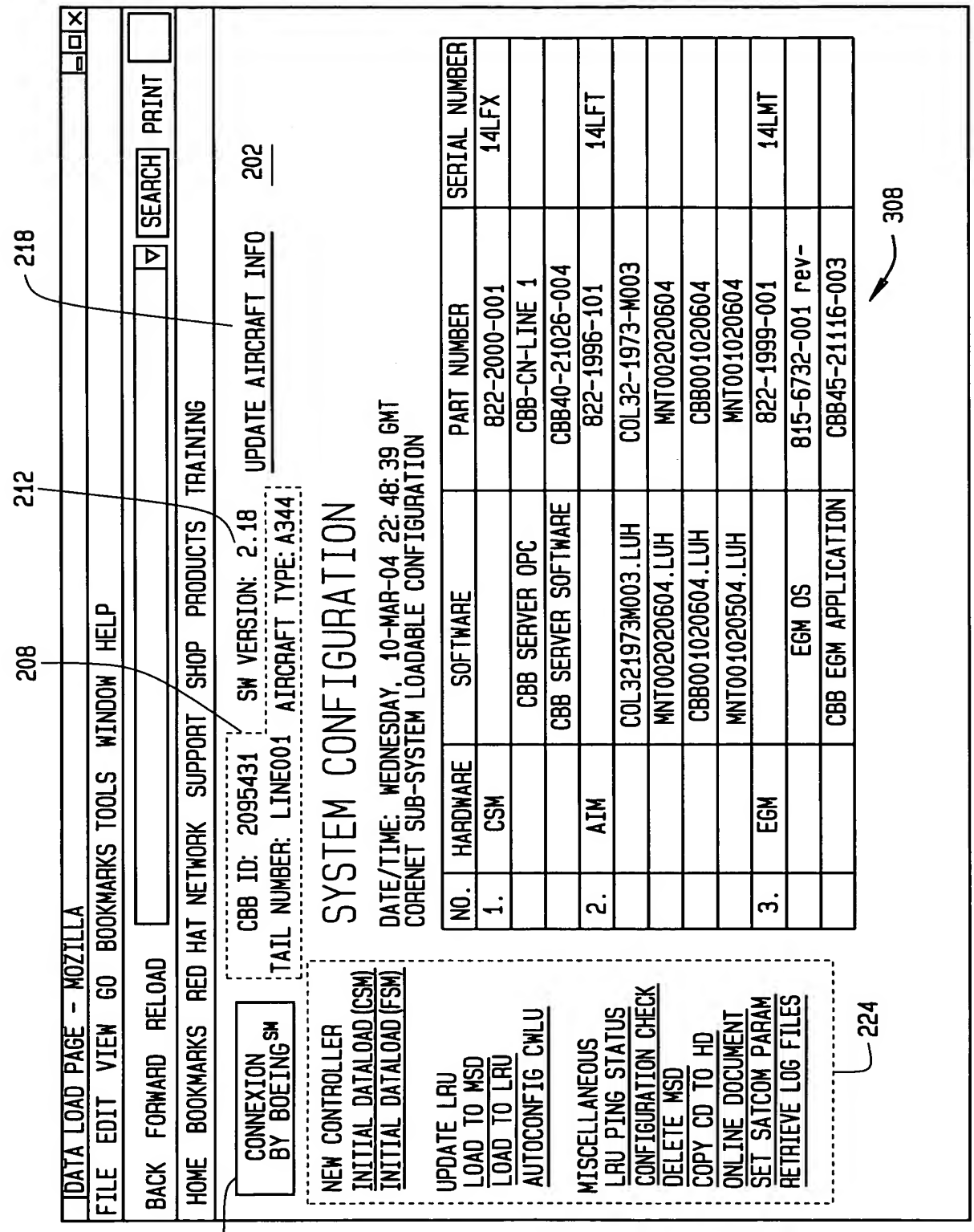

DATA LOAD PAGE - MOZILLA
FILE EDIT VIEW GO BOOKMARKS TOOLS WINDOW HELP
BACK FORWARD RELOAD
SEARCH
PRINT
HOME BOOKMARKS RED HAT NETWORK SUPPORT SHOP PRODUCTS TRAINING
CONNEXION BY BOEING SM
CBB ID: 2095431
SW VERSION: 2.18
TAIL NUMBER: LINE001
AIRCRAFT TYPE: A344
UPDATE AIRCRAFT INFO
202
SYSTEM CONFIGURATION
DATE/TIME: WEDNESDAY, 10-MAR-04 22:48:39 GMT
CORENET SUB-SYSTEM LOADABLE CONFIGURATION
NEW CONTROLLER
INITIAL DATALOAD (CSM)
INITIAL DATALOAD (FSM)
UPDATE LRU
LOAD TO MSD
LOAD TO LRU
AUTOCONFIG CWLU
MISCELLANEOUS
LRU PING STATUS
CONFIGURATION CHECK
DELETE MSD
COPY CD TO HD
ONLINE DOCUMENT
SET SATCOM PARAM
RETRIEVE LOG FILES
NO. HARDWARE SOFTWARE PART NUMBER SERIAL NUMBER
1. CSM 822-2000-001 14LFX
CBB SERVER OPC CBB-CN-LINE 1
CBB SERVER SOFTWARE CBB40-21026-004
2. AIM 822-1996-101 14LFT
COL321973M003.LUH COL32-1973-M003
MNT002020604.LUH MNT002020604
CBB001020604.LUH CBB001020604
MNT001020504.LUH MNT001020604
3. EGM 822-1999-001 14LMT
EGM OS 815-6732-001 rev-
CBB EGM APPLICATION CBB45-21116-003
204
208
212
218
224
300
308

FIG. 4

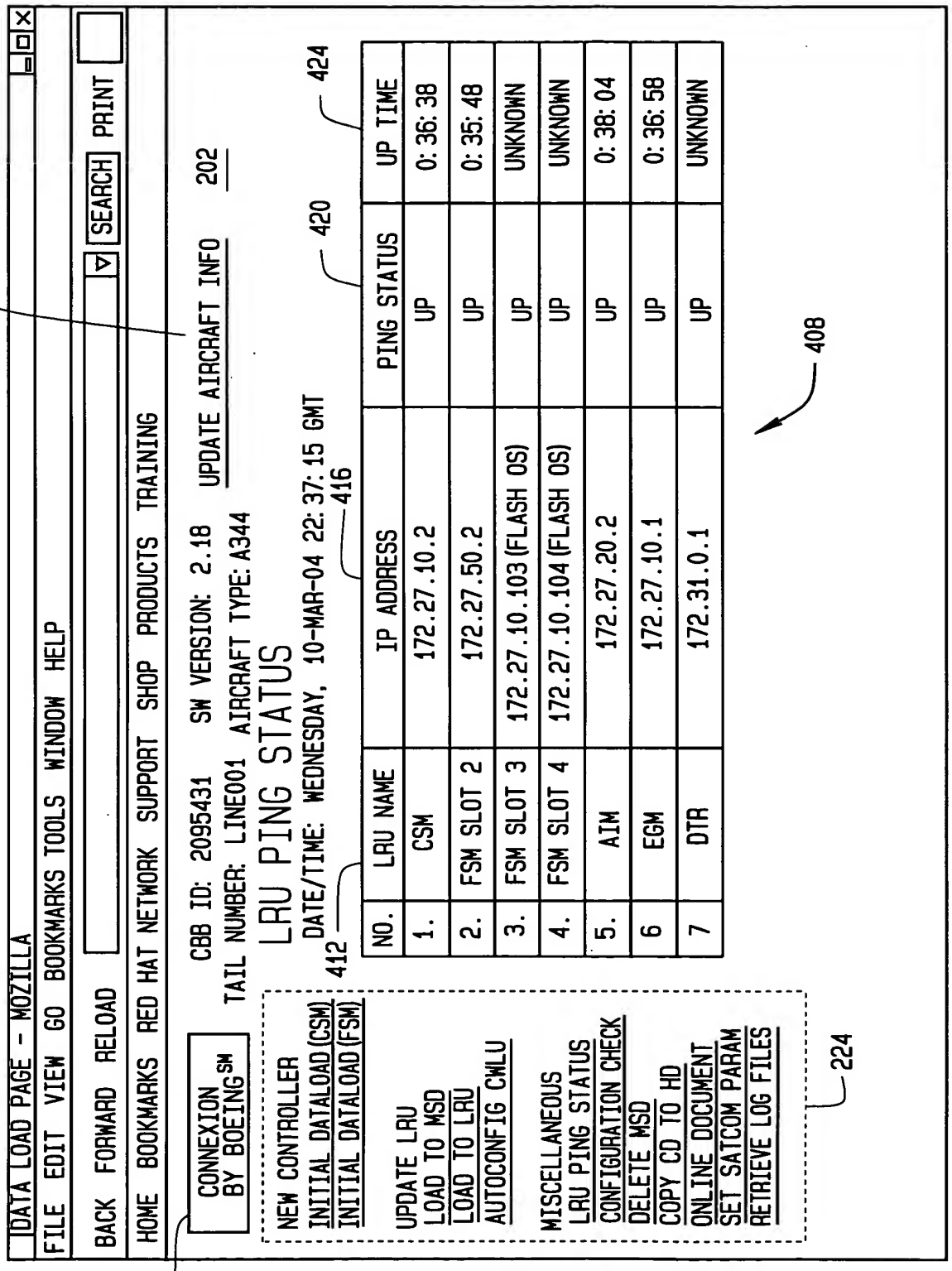

DATA LOAD PAGE - MOZILLA
FILE EDIT VIEW GO BOOKMARKS TOOLS WINDOW HELP
BACK FORWARD RELOAD
SEARCH
PRINT
HOME BOOKMARKS RED HAT NETWORK SUPPORT SHOP PRODUCTS TRAINING
218
204
CONNEXION BY BOEING SM
CBB ID: 2095431
SW VERSION: 2.18
UPDATE AIRCRAFT INFO
202
TAIL NUMBER: LINE001
AIRCRAFT TYPE: A344
LRU PING STATUS
DATE/TIME: WEDNESDAY, 10-MAR-04 22:37:15 GMT
412
416
420
424
NEW CONTROLLER
INITIAL DATALOAD (CSM)
INITIAL DATALOAD (FSM)
UPDATE LRU
LOAD TO MSD
LOAD TO LRU
AUTOCONFIG CWLU
MISCELLANEOUS
LRU PING STATUS
CONFIGURATION CHECK
DELETE MSD
COPY CD TO HD
ONLINE DOCUMENT
SET SATCOM PARAM
RETRIEVE LOG FILES
224
NO.
LRU NAME
IP ADDRESS
PING STATUS
UP TIME
1. CSM 172.27.10.2 UP 0:36:38
2. FSM SLOT 2 172.27.50.2 UP 0:35:48
3. FSM SLOT 3 172.27.10.103 (FLASH OS) UP UNKNOWN
4. FSM SLOT 4 172.27.10.104 (FLASH OS) UP UNKNOWN
5. AIM 172.27.20.2 UP 0:38:04
6 EGM 172.27.10.1 UP 0:36:58
7 DTR 172.31.0.1 UP UNKNOWN
408
400

FIG. 5

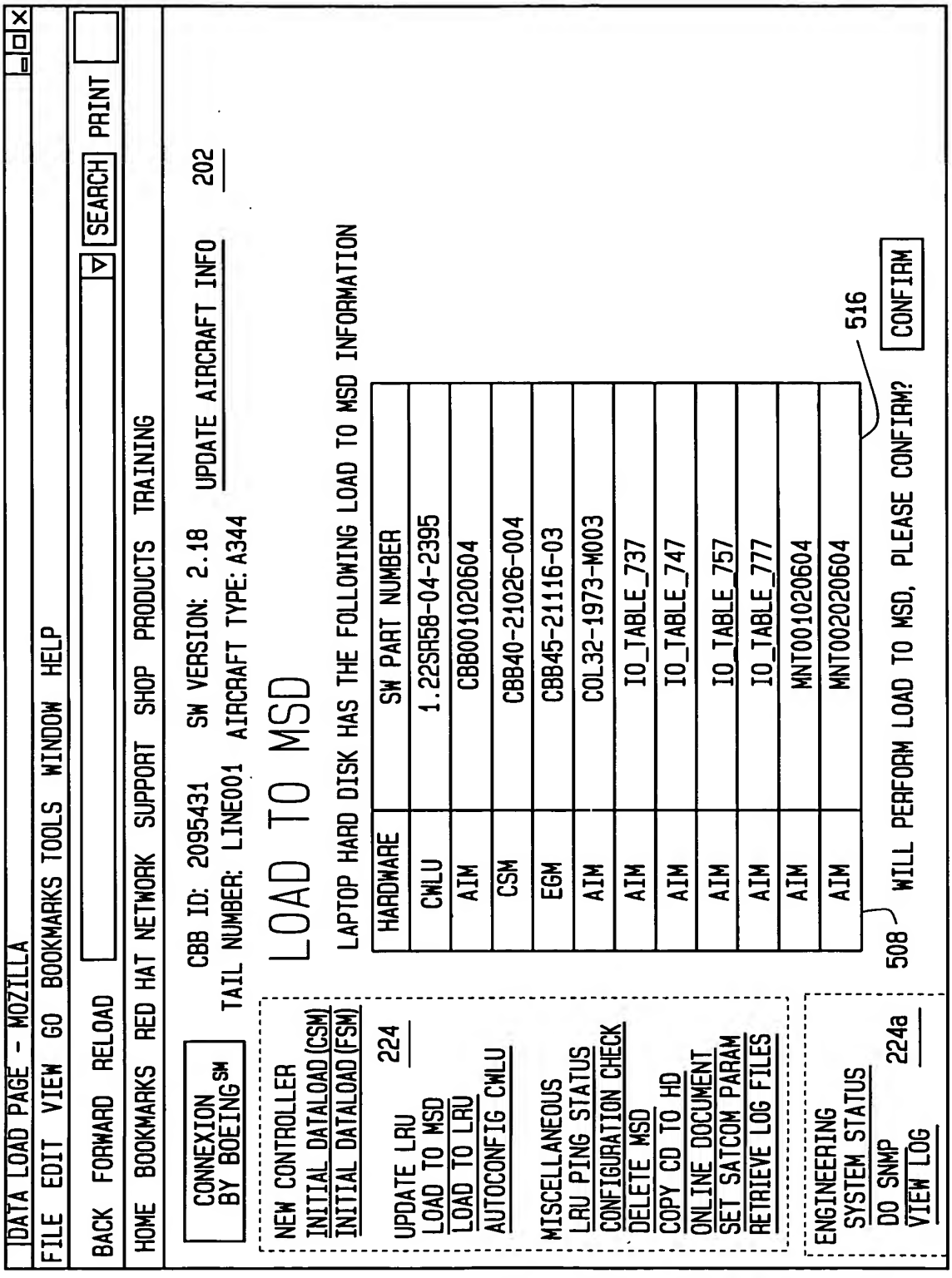

DATA LOAD PAGE - MOZILLA
FILE EDIT VIEW GO BOOKMARKS TOOLS WINDOW HELP
BACK FORWARD RELOAD
SEARCH
PRINT
HOME BOOKMARKS RED HAT NETWORK SUPPORT SHOP PRODUCTS TRAINING
CONNEXION BY BOEING SW
CBB ID: 2095431
SW VERSION: 2.18
UPDATE AIRCRAFT INFO
202
TAIL NUMBER: LINE001
AIRCRAFT TYPE: A344
NEW CONTROLLER
INITIAL DATALOAD (CSM)
INITIAL DATALOAD (FSM)
UPDATE LRU
224
LOAD TO MSD
LOAD TO LRU
AUTOCONFIG CWLU
MISCELLANEOUS
LRU PING STATUS
CONFIGURATION CHECK
DELETE MSD
COPY CD TO HD
ONLINE DOCUMENT
SET SATCOM PARAM
RETRIEVE LOG FILES
ENGINEERING
SYSTEM STATUS
DO SNMP
224a
VIEW LOG
LOAD TO MSD
LAPTOP HARD DISK HAS THE FOLLOWING LOAD TO MSD INFORMATION
HARDWARE
SW PART NUMBER
CWLU
1.22SR58-04-2395
AIM
CBB001020604
CSM
CBB40-21026-004
EGM
CBB45-21116-03
AIM
COL32-1973-M003
AIM
IO_TABLE_737
AIM
IO_TABLE_747
AIM
IO_TABLE_757
AIM
IO_TABLE_777
AIM
MNT001020604
AIM
MNT002020604
508
516
WILL PERFORM LOAD TO MSD, PLEASE CONFIRM?
CONFIRM
500

FIG. 6

```
<html>
<head>
<title>Top Page</title>
</head>

<body bgcolor=white>
<table valign=top cellpadding="0" cellspacing="0">
  <tr>
    <td>
    <a href="[[start_page]]" target=_top><img src="[[logo_image]]" width=170
height=50 align="left" alt="Company Logo" border="0"></a>
    </td>
    <td height=65>
    <table>
      [%foreach ([[top.choices]])%]
        <tr><td width=15> </td><td align=right><font
size="+1">[[top.line.[[foreach_var]].1]]:</font></td><td><font
size="+1">[[[[top.line.[[foreach_var]].1]]]]</font></td><td width=10> </td>
        <td width=15> </td><td align=right><font
size="+1">[[top.line.[[foreach_var]].2]]:</font></td><td><font
size="+1">[[[[top.line.[[foreach_var]].2]]]]</font></td></tr>
      [%endfor%]
    </table>
    </td>
    <td height=65>
    <table >
    <tr><td>  <a href=[[cgi_path]]/dl_dataload/init_aircraft_info
target=main><font size="+1">Update Aircraft Info</font></a>
    <tr><td> 
    </table>
    </td>
  </tr>
</table>
</body>
</html>
```

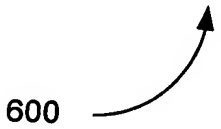


FIG. 7

650

```
<html>
<head>
<title>Menu Page</title>
</head>

<body>
<table cellspacing="0" cellpadding="0" border="0">
  <tr>
    <td height=4 width=4 rowspan=110> </td>
  </tr>
  <tr>
    <td> </td>
    <td colspan=3>
    <!-- here begins real menu -->
    <table width=100% border=0 cellspacing="0" cellpadding="0">
      <!-- indent the menus -->
      <tr>
        <td width=4></td><td width=4></td>
        </tr>

  [%if ("[[software_diag]]" eq "true") %]
    [%set (menu_title=[[menu_title_choices_engr]])%]
  [%elseif ("[[software_super]]" eq "true") %]
    [%set (menu_title=[[menu_title_choices_diag]])%]
  [%else%]
    [%set (menu_title=[[menu_title_choices]])%]
  [%endif%]
  [%foreach ([[menu_title]]) %]
    [%set (t_index=[[foreach_var]]) %]
      <tr><td><b><font size
="+1">[[menu_title.[[t_index]].text]]</font></b></td></tr>
      [%foreach ([[menu.[[t_index]].choices]]) %]
        <tr><td> <a href=[[cgi_path]]/[[menu.[[foreach_var]].page]]
target=main><font size="+1">[[menu.[[foreach_var]].text]]</font></a></td></tr>
      [%endfor%]
    <tr><td> </td></tr>
  [%endfor%]
        <!-- End of menu -->
    </table>
    </td>
  </tr>

</table>
</body>
</html>
```

FIG. 8

```
cgi_path=/cgi-bin/dataload
start_page=/dataload.html
logo_image=/cbb_logo.jpg
laptop_sw_pn=726-21178-003

# top.htm configuration
# the top_choices defines number of lines seperated by ,
top_choices=1,2
top.line.1.1=CBB ID
top.line.1.2=SW Version
top.line.2.1=Tail Number
top.line.2.2=Aircraft Type
CBB ID=2095431
SW Version=2.18
Tail Number=LINE001
Aircraft Type=A344

# menu.htm configuration
# menu title
menu_title_choices=1,2,3
menu_title_choices_engr=1,2,3,4
menu_title_choices_diag=1,2,3,4,5
menu_title.1.text=New Controller
menu_title.2.text=Update LRU
menu_title.3.text=Miscellaneous
menu_title.4.text=Engineering
menu_title.5.text=Diagnostic
# different sub menu
# the menu_choices defines number of menus seperated by ,
menu.1.choices=1,4
menu.2.choices=5..7
menu.3.choices=10,11,12,13,14,31,15
menu.4.choices=30,20,21,22,23,24,2,3
menu.5.choices=50
```

FIG. 9A

680b

```
menu.1.page=dl_cgi_dpu/dl_initial_dataload_csu.htm
menu.1.text=Initial Dataload(CSM)
menu.2.page=dl_cgi_dpu/dl_initial_dataload_egm.htm
menu.2.text=Initial Dataload(EGM)
menu.3.page=dl_cgi_dpu/dl_initial_dataload_aim.htm
menu.3.text=Initial Dataload(AIM)
menu.4.page=dl_cgi_dpu/dl_initial_dataload_fsm.htm
menu.4.text=Initial Dataload(FSM)
menu.5.page=dl_dataload/phase_1
menu.5.text=Load To MSD
menu.6.page=dl_dataload/phase_2
menu.6.text=Load To LRU
menu.7.page=dl_cgi_dpu/dl_cwlucfg.htm
menu.7.text=Autoconfig CWLU
menu.10.page=dl_cgi_dpu/dl_sysinfo_wait.htm
menu.10.text=LRU Ping Status
menu.11.page=dl_cgi_dpu/dl_sysconfig_main.htm
menu.11.text=Configuration Check
menu.12.page=dl_dataload/delete_msd
menu.12.text=Delete MSD
menu.13.page=dl_cgi_dpu/dl_copy_cd_to_hd.htm
menu.13.text=Copy CD to HD

menu.14.page=dl_cgi_dpu/dl_onlinedoc.htm
menu.14.text=Online Document
menu.15.page=dl_retrieve_log/dl_retrieve_log
menu.15.text=Retrieve Log Files
menu.20.page=dl_cgi_dpu/dl_snmp.htm
menu.20.text=Do SNMP
menu.21.page=dl_cgi_dpu/dl_viewlog.htm
menu.21.text=View Log
menu.22.page=dl_cgi_dpu/dl_set_special.htm
menu.22.text=Set Special Flag
menu.23.page=dl_cgi_dpu/dl_latte_access.htm
menu.23.text=Latte Access
menu.24.page=dl_cgi_dpu/dl_set_csm_date.htm
menu.24.text=Set CSM Date
menu.30.page=dl_cgi_dpu/dl_misc_status.htm
menu.30.text=System Status
menu.31.page=dl_cgi_dpu/dl_satcomm.htm
menu.31.text=Set SatCom Param
menu.50.page=dl_cgi_dpu/dl_diagnostic.htm
menu.50.text=Software Diag

software_diag=false
```

FIG. 9B

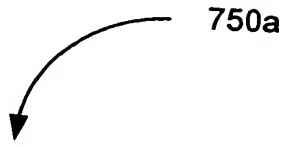
```
<html>
<head>
<title>Top Page</title>
</head>
<body bgcolor=white>
<table valign=top cellpadding="0" cellspacing="0">
  <tr>
    <td>
    <a href="/dataload.html" target=_top><img src="/cbb_logo.jpg" width=170
height=50 align="left" alt="Company Logo" border="0"></a>
    </td>

    <td height=65>
    <table>
        <tr><td width=15> </td><td align=right><font size="+1">CBB
ID:</font></td><td><font size="+1">2095431</font></td><td width=10> </td>
        <td width=15> </td><td align=right><font size="+1">SW
Version:</font></td><td><font size="+1">2.18</font></td></tr>
        <tr><td width=15> </td><td align=right><font size="+1">Tail
Number:</font></td><td><font size="+1">LINE001</font></td><td width=10> </td>
        <td width=15> </td><td align=right><font size="+1">Aircraft
Type:</font></td><td><font size="+1">A344</font></td></tr>

    </table>
    </td>
    <td height=65>
    <table >
    <tr><td>  <a href=/cgi-bin/dataload/dl_dataload/init_aircraft_info
target=main><font size="+1">Update Aircraft Info</font></a>
    <tr><td> 
    </table>
    </td>

  </tr>
</table>
</body>
</html>
```

FIG. 10




```
<html>
<head>
<title>Menu Page</title>
</head>
<body>
<table cellspacing="0" cellpadding="0" border="0">
  <tr>
    <td height=4 width=4 rowspan=110> </td>
  </tr>
<!--- first menu -->

  <tr>
    <td> </td>
    <td colspan=3>
    <!-- here begins real menu -->
    <table width=100% border=0 cellspacing="0" cellpadding="0">
      <!-- indent the menus -->
      <tr>
        <td width=4></td><td width=4></td>
        </tr>

      <!-- Menu -->
      <tr><td><b><font size ="+1">New Controller</font></b></td></tr>
        <tr><td> <a href=/cgi-
bin/dataload/dl_cgi_dpu/dl_initial_dataload_csu.htm target=main><font
size="+1">Initial Dataload(CSM)</font></a></td></tr>
        <tr><td> <a href=/cgi-
bin/dataload/dl_cgi_dpu/dl_initial_dataload_fsm.htm target=main><font
size="+1">Initial Dataload(FSM)</font></a></td></tr>
    <tr><td> </td></tr>
      <tr><td><b><font size ="+1">Update LRU</font></b></td></tr>
        <tr><td> <a href=/cgi-bin/dataload/dl_dataload/phase_1
target=main><font size="+1">Load To MSD</font></a></td></tr>
```

FIG. 11A

750b

```
        <tr><td> <a href=/cgi-bin/dataload/dl_dataload/phase_2
target=main><font size="+1">Load To LRU</font></a></td></tr>
        <tr><td> <a href=/cgi-bin/dataload/dl_cgi_dpu/dl_cwlucfg.htm
target=main><font size="+1">Autoconfig CWLU</font></a></td></tr>
    <tr><td> </td></tr>
      <tr><td><b><font size ="+1">Miscellaneous</font></b></td></tr>
        <tr><td> <a href=/cgi-bin/dataload/dl_cgi_dpu/dl_sysinfo_wait.htm
target=main><font size="+1">LRU Ping Status</font></a></td></tr>
        <tr><td> <a href=/cgi-bin/dataload/dl_cgi_dpu/dl_sysconfig_main.htm
target=main><font size="+1">Configuration Check</font></a></td></tr>

        <tr><td> <a href=/cgi-bin/dataload/dl_dataload/delete_msd
target=main><font size="+1">Delete MSD</font></a></td></tr>
        <tr><td> <a href=/cgi-bin/dataload/dl_cgi_dpu/dl_copy_cd_to_hd.htm
target=main><font size="+1">Copy CD to HD</font></a></td></tr>
        <tr><td> <a href=/cgi-bin/dataload/dl_cgi_dpu/dl_onlinedoc.htm
target=main><font size="+1">Online Document</font></a></td></tr>
        <tr><td> <a href=/cgi-bin/dataload/dl_cgi_dpu/dl_satcomm.htm
target=main><font size="+1">Set SatCom Param</font></a></td></tr>
        <tr><td> <a href=/cgi-bin/dataload/dl_retrieve_log/dl_retrieve_log
target=main><font size="+1">Retrieve Log Files</font></a></td></tr>
    <tr><td> </td></tr>



        <!-- End of menu -->
    </table>
    </td>
  </tr>
</table>
</body>
</html>
```

FIG. 11B